High School to College <u>Articulation</u> Map

Area of Study: Information Technology Education **Pathway:** Network Systems
National Career Cluster: Information Technology

<u>Region</u> Wasatch Front <u>District</u> <u>School</u> <u>Contact person</u> Don Johnson <u>Ph.#</u> 957-5807 <u>e-mail</u> don.johnson@slcc.edu <u>Date</u> 10-20-06	<u>College / Institution</u> Utah Valley State College Articulation Agreement in place? Yes * No <u>Name of Degree or Certificate</u> Computer Sci – Computer Networking **Associate of Applied Science Degree (67 hours req)**

High School				**College**		
Course #	**High School Suggested Courses**	**H.S. Credit**	**College Credits**	**Course #**	**College General Education Requirements**	**Credits**
	ENGL 1010*	1	3 ⇒	ENGL 1010	Introduction to Writing	3
	(Humanities/Fine Arts/Foreign Language)*	1	3 ⇒		Humanities/FineArts/Foreign Lang, COMM 1100 (recommend)	3
				COMM 2110	Interpersonal Communication	3
	BIOL 1010*	1	3 ⇒		Biology or PHYS 2210	3
					Physical Ed/Health/Safety or Environment	1
				CNS 1250	Object-Oriented Programming I	3
				CNS 1380	Assembly Language & Computer Architecture	3
				CNS 2600	Fundamentals of Data Communications	3
H.S.Total (General Ed.)And Other Available Credits		**9**			**College Total Credits**	**22**

Course CIP #	**High School Career Pathway Courses (min. # Required: 2)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**Credits**
Course#	**Introductory Course: (preferred)**	**Credit**				
11.0101	Information Technology, Introduction	.50				
Course#	**Foundation Courses: (required)**	**Credit**				
52.0417	Computer Technology	.50				
11.0440	Network +*	.50	3 ⇒	CNS 2610	Network Administration *or* CNS 2630 *or* CNS 2640	3
	One of the following three courses:					
11.0410	Certified Novell Administrator (CNA)	1.00				
11.0430	Microsoft Certif Professional (MCP)	1.00				
11.0420	Cisco Certif Network Admin (CCNA)	1.00				
Course #	**Elective Courses:**	**Credit**				
11.9920	A+ (Computer Maintenance)	1.00				
11.9940	Linux Fundamentals	1.00				
11.0450	Security Fundamentals	.50				
32.0199	Student Internship (Critical Workplce Skills)	.50				

				CNS 1510	UNIX Operating System	3
				CNS 3610	Advanced Network Administration _or_ CNS 3630	3
				CNS 3690	Advanced Topics in Data Communications	3
				ISYS 2050	Database Fundamentals _or_ CNS 3520	3
					Elective Requirements (Complete 23 credits from the following courses – minimum grade of C- required; must be approved by CNS Dept, see CNS Advisor): CNS 1000, CNS 1350, CNS 2220 _or_ CNS 3220, CNS 2250 _or_ CNS 3250, CNS 2370 _or_ CNS 3370, CNS 2300, CNS 2400, CNS 2550 _or_ CNS 3550, CNS 2610 _or_ CNS 2630, CNS 2650, CNS 3060, CNS 3510, CNS 3630, CNS 3660, CNS 3670, CNS 4190, CNS 4610; EENG 2740; PHYS 2215	23
Additional Articulated Classes Below	**Credit**					
MATH 1050*	1	4 ⇒	MATH 1050	College Algebra		4
Total Pathway Credits		**7** ⇒		**Total Major Course Credits Required**		**42**
TOTAL Potential(college) Credits Earned in High School		**16**	**TOTAL Credits Required for Major**			**64**

*Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:*= concurrent; **= distant**   **updated10-20-06***